

NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION



New NH Route 9 Hillsborough Bypass



New North-South Road in Conway

Annual Report For Fiscal Year 2002



Dedication of Aircraft Rescue and Fire Fighting Facility in Concord - May 2002



Completed the painting of the state's largest bridge on I-95 in Portsmouth.



NHDOT Safety Plow Rally



Completed repairs to Frankenstein Trestle on state-owned railroad in Crawford Notch.

**This report was produced by the New Hampshire Department of Transportation pursuant to RSA 20:6 & 228:41.
Six hundred copies of this report were printed in the Department's print shop.**

**NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION
2002 ANNUAL REPORT
Fiscal Year Ended June 30**



A three year project to repaint the I-95 Piscataqua River Bridge connecting New Hampshire and Maine was completed in December of 2001. The "High Level Bridge" showcases the NHDOT's new standard color for bridges, Dartmouth Green.

December 18, 2002

**Carol A. Murray
Commissioner**

**Gilbert S. Rogers
Assistant Commissioner**

Pursuant to RSA 20:6 & 228:41



**Governor
Jeanne Shaheen**



Two young ladies got an unexpected lifetime memory when Governor Jeanne Shaheen picked them from a crowd to join in the ribbon-cutting marking the completion of the NH Route 9 Hillsborough Bypass.

Executive Councilors

**Raymond S. Burton
District 1**

**Peter J. Spaulding
District 2**

**Ruth L. Griffin
District 3**

**Raymond J. Wieczorek
District 4**

**David K. Wheeler
District 5**



Carol A. Murray
COMMISSIONER

THE STATE OF NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION



Gilbert S. Rogers
ASSISTANT COMMISSIONER

December 18, 2002

Her Excellency Governor Jeanne Shaheen and the Honorable Council:

The new NHDOT logo at the top of this page is symbolic of the movement into a new century reflected by accomplishments and many new initiatives undertaken during the 2002 fiscal year. While recognizing and honing our strengths, proven practices, and reputation established the past century by generations of dedicated employees, this agency continues to embrace change and improvements whenever and wherever possible in order to better serve the mobility needs for New Hampshire.

The events of September 11, 2001 brought about a renewed commitment and sense of urgency in forming a Transportation Security Task Force to work with the Governor's Anti-Terrorism Task force to both identify areas of vulnerability and further develop strategic responses to a man-made or natural emergency.

Transportation infrastructure improvements for New Hampshire included the completion of the Hillsborough Bypass (NH 9/US 202) and the North South Road in Conway to relieve longstanding congestion and safety issues in those parts of the state. Major interstate improvement work neared completion on I-89 (Sunapee-Grantham) and I-93 in Manchester and from Plymouth to Woodstock. A widening project at the Hampton Toll Facility has improved the throughput capacity and lessened congestion during peak times on I-95.

Passenger rail service returned to the seacoast region with the inauguration of Amtrak service from Portland to Boston, with stops in Dover, Durham and Exeter, NH. Freight rail service also returned to the Westboro yard in West Lebanon via the Claremont Concord Railroad. Efforts to encourage alternative modes of transportation and create a seamless transportation system included the conducting of a statewide intermodal transportation study to recommend improvements to inter-city bus services and park and ride and intermodal facilities. A total of 17 buses were purchased to upgrade local transit systems and also to provide transit services for elderly and disabled residents, and financial operating assistance to 7 communities.

Public Works projects included work on new court buildings in Dover and Ossipee, the Army Aviation Support Facility in Concord, a 100-bed nursing home care facility at the NH Veterans Home in Tilton, a State Laboratory addition on Hazen Drive in Concord, and the renovation of the Walker Building at State Office Park South in Concord.

The ongoing effort to improve efficiencies resulted in beginning implementation of a Maintenance Management System to more precisely manage maintenance activities and material inventories, and measure performance.

Motorists will soon see the benefits of the TRIO project, where a joint effort with Maine and Vermont will provide timely web-based traffic and weather information.

Sincerely,

Carol A. Murray *Gilbert S. Rogers*

Carol A. Murray
Commissioner

Gilbert S. Rogers
Assistant Commissioner



**THE NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION
ORGANIZATIONAL CHART**



**COMMISSIONER
Carol A. Murray
271-3734**

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Douglas W. Rowden
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Paul Sanderson
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James Moore
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David Barker
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271-3460 — 271-6754

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Morrill
485-9526

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271-2731

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271-3226

**Highway
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**Municipal
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271-3344

INTRODUCTION

The New Hampshire Department of Public Works and Highways was established in 1950 under Part 9 of Chapter 5 of the New Hampshire Laws of 1950. This legislation added the Public Works Division to the Highway Department, which was established under Chapter 103 of the New Hampshire Laws of 1915. From 1905 to 1915, the responsibility for highways and bridges was vested with the State Engineer.

The Department of Public Works and Highways was reorganized under Chapter 402 of the laws of 1985 (RSA:21-L) as the Department of Transportation on February 18, 1986, which added the Transportation Division of the Public Utilities Commission (the Bureaus of Rail Safety and Common Carriers) and the Aeronautics Commission. The Bureau of Common Carriers has since been transferred to the Department of Safety.

RSA:21-L assigned the Department of Transportation, through its officials, the responsibility for the following general functions:

**Planning, developing, and maintaining a state transportation network which will provide for safe and convenient movement of people and goods throughout the state by means of a system of highways and railroads, air service, mass transit and other practicable modes of transportation in order to support state growth and economic development and promote the general welfare of the citizens of the state.*

**Developing and maintaining state owned land and buildings, except as otherwise provided by law, and cooperating with the Department of Administrative Services in preparing a long-range state capital improvements plan.*

**Performing any regulation of transportation activities required by law which is not within the jurisdiction of another state agency.*

Under the reorganization plan, five Divisions were created within the Department: Project Development, Operations, Administration, Public Works and Transportation, and Aeronautics.

The Department operates under RSAs 228, 229, 237 and 237-A; Chapter 402 of the laws of 1985; and other laws pertaining to highways, bridges, railroads, and aviation.

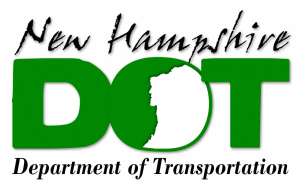
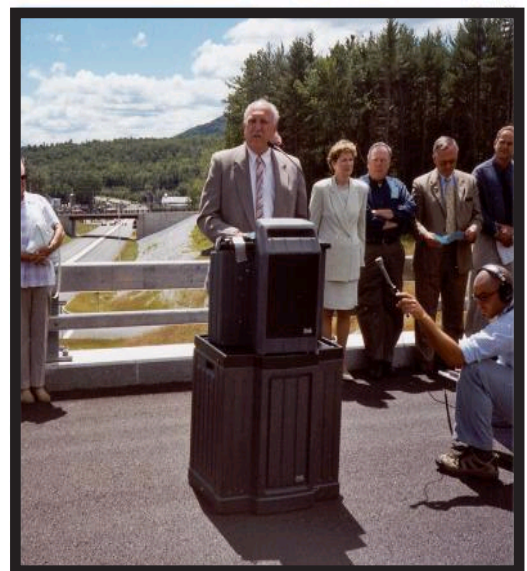
This document, pursuant to RSA 20:6 and 228:41, provides a brief overview of the Department's activities and financial positions during the 2002 fiscal year.



CAROL A. MURRAY
COMMISSIONER



GILBERT S. ROGERS
ASSISTANT
COMMISSIONER



DIVISION of PUBLIC WORKS & TRANSPORTATION

The Division of Public Works and Transportation is a general-funded component of the Department of Transportation. This Division, through the Bureau of Public Works, is responsible for architectural and engineering design and planning of State-owned facilities other than those of the University System. This includes the planning and design of public works projects and field supervision of construction.

⇒ During the 2002 fiscal year the Bureau of Public Works completed the design and contracted for construction on:

- The \$2.9 million District Court building in Dover.
- The \$1.2 million State Police Troop D headquarters building near Exit 2 of I-89 in Concord.
- The \$10.2 million, 100-bed nursing home care facility at the NH Veterans Home in Tilton.
- The \$10.9 million State Laboratory addition on Hazen Drive in Concord.
- The \$4.5 million Carroll County Courthouse in Ossipee.
- The \$19 million Army Aviation Support Facility at the State Military Reservation in Concord.
- The \$9.6 million renovation of the Walker Building at State Office Park South in Concord.

The Bureau of Rail and Transit works to preserve and effectively manage railroad corridors, improve rail safety, and support transit services for the public, including the rideshare program and transportation for elderly and disabled citizens.

⇒ During FY 2002 these efforts included:

- The inauguration of Amtrak service through New Hampshire to Maine, initiated by the Northern New England Passenger Rail Authority.
- Preliminary engineering work continued for the extension of commuter rail from Lowell to Nashua.
- Joined with Vermont and Massachusetts to conduct a study of the feasibility of a high-speed rail corridor linking Boston and Montreal.
- The return of freight rail service to West Lebanon at the Westboro yard, through improvements constructed by the Claremont Concord Railroad.
- Purchased 10 vehicles for transportation services for elderly and disabled persons and 7 buses for local transit systems.
- Provided operating financial assistance to rural public transit systems in 7 communities.
- Provided training to management and operating staff of transit and other transportation agencies in scheduling/dispatching, drug and alcohol testing compliance and wheelchair lift use.
- A statewide intermodal transportation study, to recommend improvements to intercity bus services, park and ride and intermodal facilities, and other opportunities to create a seamless transportation system.
- Continued support to statewide Rideshare efforts through the enhanced NHDOT web site.

DIVISION of OPERATIONS

The Division of Operations is the Department's largest Division. It is responsible for the maintenance of state highways and bridges, and the maintenance and operation of the State's turnpike system. This includes signs, traffic signals, pavement markings, snow removal, pavement resurfacing and staffing of the Department's Welcome Centers. In addition, the Division is responsible for the maintenance of the Department's vehicle and equipment fleet.

The Division comprises five Bureaus: Bridge Maintenance, Highway Maintenance, Mechanical Services, Traffic, and Turnpikes. The Bureau of Highway Maintenance includes six separate highway maintenance districts across the state.

Projects and activities this Division was involved in during the 2002 fiscal year included:

- ⇒ The Bureau of Highway Maintenance improved approximately 370 miles of highway and completed over 6,800 tons of additional asphalt work, including roadway shimming and intersection improvements.
 - Began or completed a number of Betterment and State Aid Reconstruction projects in Barrington, Canterbury, Chester, Chesterfield, Center Harbor, Dunbarton, Nelson, New Durham, Northfield, Sanbornton and Winchester.
 - Addressed several environmental issues, including river bank erosion control, the recycling old roadway materials into a useful product, and the installation of oil/water separators in several patrol facilities.
 - Participated in the NHDOT's Transportation Security Task Force, in conjunction with the Governor's Anti-Terrorism Task Force, to develop strategic responses to a man-made or natural emergency.
 - Involved in the NHDOT's Road and Bridge Incident Management program, concentrating on developing a statewide plan, as well as localized planning for the I-93 corridor between Salem and Manchester, and the Little Bay Bridge over the Piscataqua River on the Spaulding Turnpike.
 - Completed the construction of a new patrol facility in Sunapee and began constructing a new patrol facility in Walpole. Constructed new salt storage facilities in Errol, Gorham, Groveton, Milford and New Hampton utilizing Highway Maintenance Bureau personnel.
 - Began implementation of a Maintenance Management System to track maintenance activities and material inventories.
 - Repaired flooding damage caused during the spring of 2002 in Woodstock and Dummer.
 - The Permit Section issued over 31,000 oversize/overweight permits, 30 "super move" permits and 200 parade permits.
 - The Well Section contracted and administered 30 new well replacement installations.
 - Trained all Highway Maintenance Bureau employees in 29 safety awareness programs.

- ⇒ The Bureau of Mechanical Services initiated an Environmental Management System for the Fuel Distribution section's 96 sites. Also initiated the National Pollutant Discharge Elimination System.
 - Upgraded the Durham and Hampton fuel sites with new tanks, pumps and electronic equipment, as well as additional storage capacity.
 - For FY 2002, a total of 4,255 gallons of Compressed Natural Gas (CNG) was dispensed from the Concord site, nearly doubling the previous year's usage.

DIVISION of OPERATIONS *(continued)*

- ⇒ The Bureau of Traffic continued to provide important highway safety measures by maintaining highway signs, traffic signals and pavement markings.
- Nearly 90 million feet of paint was applied to state highways to define travel lanes, provide directional guidance and supplement other traffic control devices.
 - Close to 400 work orders were processed for stop signs, speed limit signs, warning signs and guide signs. A total of 262 traffic work requests were acted upon for sign reviews, pavement marking, traffic signals, and traffic engineering.
 - A new storage building provides storage for all pavement marking materials and vehicles in an enclosed building, and allows for the transfer of paint in a controlled environment.
 - A replacement pavement marking striper with more carrying capacity enables crews to complete a day's work without pumping paint in the field.
 - A new traffic signal truck and a new highway sign truck both have lifts to improve efficiency and safety, and save time.
- ⇒ The Bureau of Bridge Maintenance completed 129 projects and painted structural steel and/or rail systems on 18 bridges. The completion of 15 bridge rail projects statewide enhanced vehicle and pedestrian safety.
- Bridge repair projects resulted in the removal of 5 bridges from the state's Red List.
 - Statewide preventive maintenance included the washing of 791 bridges, the oiling of 444 bridges, and the crack-sealing of 54 bridge decks.
 - Rehabilitated 7 box culverts in Errol, Cambridge, Landaff, Hebron, Lyme and Chesterfield.
 - Completed the rehabilitation of the town-owned, twin stone arch bridge in Hillsborough.
 - Completed the rehabilitation and widening of a town-owned bridge in Dalton.
 - Reconstructed the abutment and piers of Frankenstein Trestle on state-owned railroad in Crawford Notch.
- ⇒ The Bureau of Turnpikes processed another record year of traffic. A total number of 107,729,932 vehicles passed through the Turnpike Toll System. As a result, revenue grew 4.6% over the previous year to \$64.4 million.
- Resurfaced 74 lane miles and rehabilitated three bridges.
 - Completed construction of the I-95 northbound lanes to increase throughput at Hampton Toll Plaza.
 - Completed major sign replacement on I-95 from Seabrook to Portsmouth.
 - Constructed permanent bridge snow screening on 26 bridges on the Spaulding Turnpike.
 - Completed safety improvements on I-93 from Bow to Concord, including median barrier.
 - Constructed two 6,000-ton salt storage facilities in Hooksett and Hampton.
 - Completed initial phase of street light conversion to energy-efficient, high-pressure sodium.
 - Continued the process of implementing Electronic Toll Collection technology.
 - Structurally rehabilitated Hooksett and Merrimack maintenance facilities/garages.
 - Began developing an Incident Management Plan for the Little Bay Bridges in Dover/ Newington.

DIVISION of PROJECT DEVELOPMENT

The Division of Project Development plans and designs transportation projects and oversees their construction. It is the second largest Division within the Department with 8 separate Bureaus, including Bridge Design, Construction, Environment, Highway Design, Municipal Highways, Right-of-Way, Transportation Planning, and Materials and Research. Projects and activities this Division of NHDOT were involved in during the 2002 fiscal year included:

- ⇒ The Bureau of Highway Design prepared contract plans for bidding on approximately \$111 million in construction contracts. These projects included major interstate maintenance, federal resurfacing, forest highway, highway reconstruction, landscaping and guardrail replacement projects.
 - Major pavement and bridge rehabilitation and widening for a 2.5 mile segment of I-293 in Manchester from I-93 to the Merrimack River.
 - Reconstruction of the Springfield Rest Area on Interstate 89 to provide safety improvements, additional parking and a larger rest area building. A special slope stability treatment was used to contain unstable ledge which sloped toward the rest area.
 - Provided preliminary designs/reviews of designs on a number of projects, including the Salem-Manchester I-93 improvements, the Manchester Airport Access Road, the Circumferential Highway in Nashua, and the Spaulding Turnpike (Exits 3-4 and 10) in Newton and Dover.
 - Began utilizing a global positioning system (GPS) unit attached to a vehicle, providing a new survey method to collect accurate roadway information in a safer and more efficient manner.
 - For the first time, Roadside Development section was able to utilize funds from the sale of conservation license plates to establish native wildflower beds in the State, including one in Crawford Notch State Park on US Route 302.
 - Posted the Standard Specifications for Road and Bridge Construction on the agency website (www.nhdot.com), thus allowing internet access to these specifications.
- ⇒ The Bureau of Bridge Design continues to design and prepare contract plans for bridge rehabilitation and replacement projects. These efforts often support and are part of projects advertised through other Bureaus. Bridge inspection and ratings for state and municipal bridges to monitor the conditions of publicly-owned bridges are also important functions of the Bureau.
 - Contract plans and documents were developed for bids for the replacement of 10 bridges and the rehabilitation of 50 bridges.
 - A total of 2,332 bridges and 45 miscellaneous structures were inspected.
 - A project to replace the bridge carrying US Route 4 over the Merrimack River between Boscawen and Canterbury was accelerated due to increasing concerns with the bridge's structural condition and escalating maintenance costs. The complete design, review, and plan development were completed in six months.
 - Federal Innovative Bridge Research and Construction (IBRC) funds were utilized for three different bridge projects. The innovative materials (stainless steel reinforcement and stainless steel clad reinforcement) are extremely resistant to corrosion and deterioration.
 - Projects utilizing Historic Covered Bridge Preservation funds to install fire protection/detection systems on three covered bridges include: the Cornish, NH-Windsor, VT bridge over the Connecticut River; the County Bridge over the Contoocook River between Hancock and Greenfield; and the Saco River Bridge over the Saco River in Conway.

DIVISION of PROJECT DEVELOPMENT *(continued)*

- ⇒ The Bureau of Environment processed 141 wetland permit applications and/or permit amendments and prepared 76 environmental documents.
- In cooperation with the NHDOT's Operations Division and the NH Wetlands Bureau, a "permit by notification" process has been developed to streamline the wetland permitting process for certain roadway and railroad maintenance activities.
 - In cooperation with the Bureau of Right-of-Way and the Bureau of IT Services, a new electronic data collection and management system was implemented to assist in identifying and evaluating properties contaminated with hazardous materials.
 - The Bureau utilized interns to continue the implementation of an Environmental Management System, conduct historic railroad and historic bridge surveys, and initiate a wildlife/vehicle collision study and wildlife crossing research proposal.
- ⇒ The Bureau of Municipal Highways coordinated the Block Grant Aid Program involving the distribution of \$25.5 million to municipalities. These funds are used by communities for construction, reconstruction, and maintenance of Class IV and Class V highways.
- The State Aid for Class I, II, and III Highways Program had 22 projects under construction. Expenditures for the year totalled \$2.2 million.
 - The Bureau coordinated bridge projects involving municipally-owned structures financed with Federal or State Bridge Aid Funds. In FY 2002, a total of 19 projects were either completed, under construction or in the design phase.
 - Municipal Highways coordinated the Local Technical Assistance Program, and the Transportation Enhancement (TE) and Congestion Mitigation and Air Quality (CMAQ) Programs for projects managed by the sponsoring agency or community.
- ⇒ The Bureau of Construction is responsible for quality control, contract administration, audit documentation and of all transportation construction contracts processed through the NHDOT's Division of Project Development. The Bureau also supervises all maintenance district and turnpike paving projects.
- Major highway and bridge construction work in FY 2002 included the completion of the Hillsborough Bypass (NH 9/US202), the North South Road in Conway, and Interstate 93 improvements near Bodwell Road in Manchester. Interstate rehabilitation road and bridge work continues on I-89 from Sunapee to Grantham, and on I-93 from Plymouth to Woodstock.
 - Other completed construction work included the reconstruction of the I-89 Springfield Rest Area, the widening of I-95 at the Hampton Toll Plaza, and the start of I-293 pavement rehabilitation and bridge reconstruction between South Willow Street and Brown Avenue in Manchester.
 - A total of 65 construction contracts were awarded in FY 2002 involving approximately \$147 million of work performed by 35 prime contractors.
 - A total of 72 carryover construction contracts from previous years were completed.
 - The Bureau of Construction, along with its 99 field representatives, provided contract oversight on projects that included congestion mitigation, wetland creation, transportation enhancements, landscaping, guardrail upgrades, rest area reconstruction, road resurfacing, roadway and bridge projects.

DIVISION of PROJECT DEVELOPMENT *(continued)*

- ⇒ The Bureau of Transportation Planning worked with the Regional Planning Agencies to perform six transportation studies involving land use, traffic impact and access management.
- Coordinated the development of a new Ten Year Transportation Improvement Plan for the years 2003-2012. These projects totaled approximately \$140,000,000 per year and were separated into different sections based on project mode (e.g. Bike/Pedestrian, Highway/Bridge, Transit).
 - Tracked projects in the State Transportation Improvement Plan (STIP) worth approximately \$170,000,000 per year. Assisted with changes with STIP Amendments for 150 projects.
 - Selected nine Statewide Planning and Research (SPR) special studies for funding, including one traffic study, five corridor studies, two access management studies, and one land use and transportation study. Working with the regional planning commissions on seven SPR studies selected in 2001.
 - Participating in several Transportation Community and System Preservation (TCSP) project and corridor studies.
 - Produced regional bicycle maps based on the tourist regions in New Hampshire. One hundred and sixty thousand maps were printed and are being distributed.
 - Implemented a Traffic Monitoring System. Monthly and annual traffic reports are available on the website. The I-393 Weigh-In-Motion System was upgraded and is operational.
 - TRIO Project – Implemented Web based CARS (Condition Acquisition Reporting System) and Foretell (Weather Prediction System) to provide timely traffic and weather information.
 - Hosted the annual Bicycle/Pedestrian Conference, a Tri-State Safety Conference and an Access Management Conference.
- ⇒ The Bureau of Right-of-Way processed approximately 1950 abstracts, completed 317 appraisals, sold or leased 25 properties at a value of \$765,000, relocated 43 displacees and purchased approximately 275 properties at a value of \$6,500,000. In addition, the Bureau provides support services for arranging and documenting numerous public meetings and hearings.
- ⇒ The Materials & Research Bureau provided oversight of the Department's materials testing/acceptance program, including laboratory materials testing; furnished the design bureaus with recommendations for geotechnical foundations, pavement rehabilitation treatments, bridge deck rehabilitation, and structural steel coating evaluations; administered the Department Transportation Research Program; and maintained the Department's Qualified Product List and the Department's Rock Slope Management Program.
- The Geotechnical Section provided 154 design and construction recommendations. This included: bridge foundation designs; roadway soil and rock slope designs; highway drainage and base course recommendations; sign base, traffic signal, and mast arm foundation design; field analysis of foundation piles during construction; review of vibration monitoring data; and blasting plans submitted by contractors. The work involved drilling 11,559 feet, taking 3124 soil samples from 511 borings and completing 123 test pits and 115 asphalt cores.
 - New research studies begun during the past year include investigations into alternative retro-reflective beads for traffic paints, performance of precast bridge deck panels, and the effectiveness of wildlife crossing features on highways.
 - Worked with the Bureau of Construction to implement a product tracking system designed to provide vital data related to the actual performance of specific products in the field.
 - Hosted a regional seminar on improving concrete durability by using of recycled materials.

DIVISION of ADMINISTRATION

The Division of Administration is responsible for support activities in the Department. Accounting, purchasing, budgeting, contracts, information technology and the print shop.

Administration comprises three bureaus: Finance and Contracts, Information Technology Services and Human Resources.

- ⇒ The Bureau of Information Technology Services (ITS) continued the development and improvement of Internet/Intranet and eGovernment applications with four main focus areas: administrative, data, hardware and connectivity, and software applications.
- Quality Control software was developed to enable outsourced design and engineering projects to be monitored for adherence to NHDOT design specifications.
 - Significantly expanded both internet and intranet services for public and in-house access customers. New items posted included ridesharing services, highway and bridge projects, and bicycle and pedestrian information and maps.
 - A complete replacement of internal hubs and switch equipment, including the installation of high capacity fiber optic cable.
 - Video conferencing capability was established in the NHDOT headquarter's Computer Resource Center.
 - Conducted a detailed review of ITS security practices.
 - Assisted in working towards the goal of training highway maintenance personnel in computer skills and equipping 110 patrol facilities with computers.
 - Continued to upgrade the agency's computers, servers and software, resulting in increased efficiencies in all offices in word processing, electronic spreadsheets, e-mail and desktop database applications.
 - Worked to establish a database for the NHDOT's new Maintenance Activity Tracking System.
- ⇒ The Bureau of Human Resources was instrumental in producing a Safety Program Manual and in the safety training of all NHDOT employees.
- Also initiated the auditing of Safety Programs in each District and Bureau.
 - The Bureau significantly reduced the number of vacant positions by 3%; currently 95% of all positions remain filled.
 - Launched several initiatives to improve participation of women and minority-owned businesses (Disadvantaged Business Enterprise Program) in Federally-funded projects.
 - The number of NHDOT minority employees increased overall by 26%.
 - Initiated the TRAC Program partnership with several schools, which included disseminating materials and visits by NHDOT engineers to promote the value of science, math and social studies education.
 - Streamlined the Labor Compliance procedures to better identify and address compliance issues.

DIVISION of AERONAUTICS

The Division of Aeronautics works with aviation agencies at the Federal, State and local levels to preserve and promote a system of airports necessary to guarantee the future of air transportation in New Hampshire.

The Division acted to ensure the safety of flight by inspecting airports, maintaining a system of electronic air navigational aids and assisting in the investigations of aircraft accidents.

Highlights of the 2002 fiscal year included:

- ➔ The construction of an \$8 million regional Aircraft Rescue and Fire Fighting (ARFF) training facility located in Concord, NH. Dedicated and officially opened for classes on May 14, 2002, the facility includes two propane operated aircraft mock-up simulators, a control building, and an Aircraft Rescue and Firefighting truck equipped with state-of-the-art firefighting systems.
- ➔ Conducting an airport system plan update and regional economic analysis for the State of New Hampshire.
- ➔ Federal Airport Improvement Projects (AIP) at the following airports: Pease, Lebanon, Skyhaven (Rochester), Mt. Washington Regional, Boire Field (Nashua), Concord, Claremont, Berlin, Laconia, Dillant–Hopkins (Keene) and the continued extensive growth and expansion at Manchester.
- ➔ Management and operational responsibilities for the state-owned Skyhaven Airport in Rochester, NH. Using a Federal grant and state funds, an 85'-by-50' Snow Removal Equipment storage building was constructed. Publication of the Airport Master Plan Update.
- ➔ A new law completely revising the New Hampshire Aeronautics Act (RSA 422).
- ➔ State funds (50/50 Program) were granted to the following airports: Dean Memorial (Haverhill) for ground maintenance/snow removal equipment, and Jaffrey Silver Ranch Airport for pavement maintenance and obstruction clearing.
- ➔ State grants (grants to airport sponsors) and Aircraft Operating Fee Return were distributed to the sponsors of every public use airport for maintenance and safety projects.
- ➔ Airport safety inspections were conducted at all public use airports on an annual basis.

In addition, the Division of Aeronautics collected fees for the registration of aircraft, airmen and commercial operations.

RECEIPTS AND EXPENDITURES*
FOR FISCAL YEAR ENDING JUNE 30, 2002

RECEIPTS

State Gasoline Tax	\$121,762,246
State Gasoline Tax (88% of 3¢ dedicated to Betterments - highway and bridge improvements)	21,104,040
Federal Funds**	192,050,896
Motor Vehicle Fees	83,715,976
Toll Receipts	64,546,233
Other***	<u>44,491,118</u>
TOTAL	\$527,670,689

EXPENDITURES

Permanent Personnel Service	\$53,526,784
Overtime	5,578,241
Current Expenses	20,203,171
Equipment	5,681,654
Special Appropriations (Capital expenditures)	275,928,014
Debt Service	37,514,386
Benefits	21,320,729
Block Grant Aid	25,566,257
Other Personnel Services (temporary employees)	4,715,769
Betterments	20,813,909
Travel In-state	690,599
Travel Out-of-state	53,474
Other State Agencies (transfers from Highway Funds)	<u>55,885,546</u>
TOTAL	\$527,478,533

ALTERNATE EXPENDITURES STATEMENT

Administration	\$20,541,235
Engineering	25,039,410
Highway Garage	15,331,035
Maintenance	87,835,365
Community Assistance	25,566,257
Debt Service	37,514,386
Construction & Reconstruction	227,846,513
Legislative Specials	32,008,786
Other State Agencies (transfers from Highway Funds)	<u>55,885,546</u>
TOTAL	\$527,478,533

**unaudited*

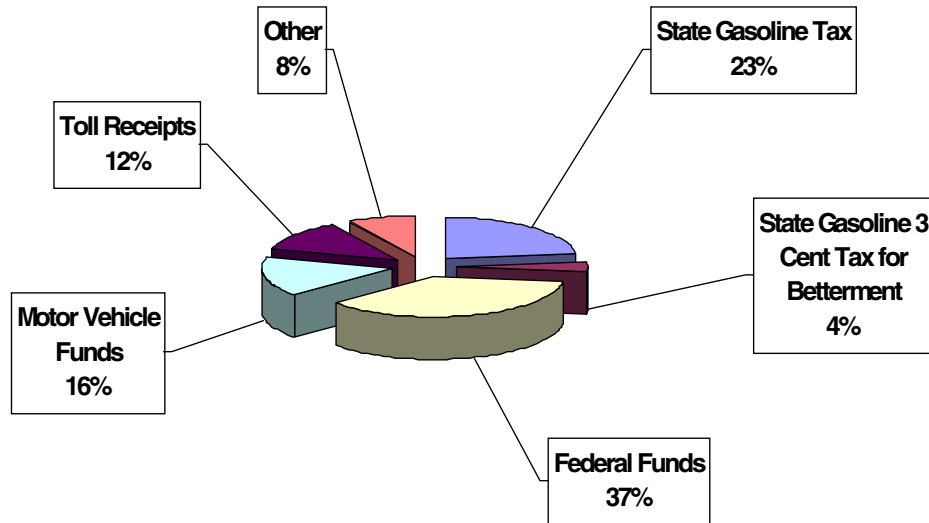
*** includes approximately \$38 million for airport capital improvement projects.*

****includes monies from the following sources:*

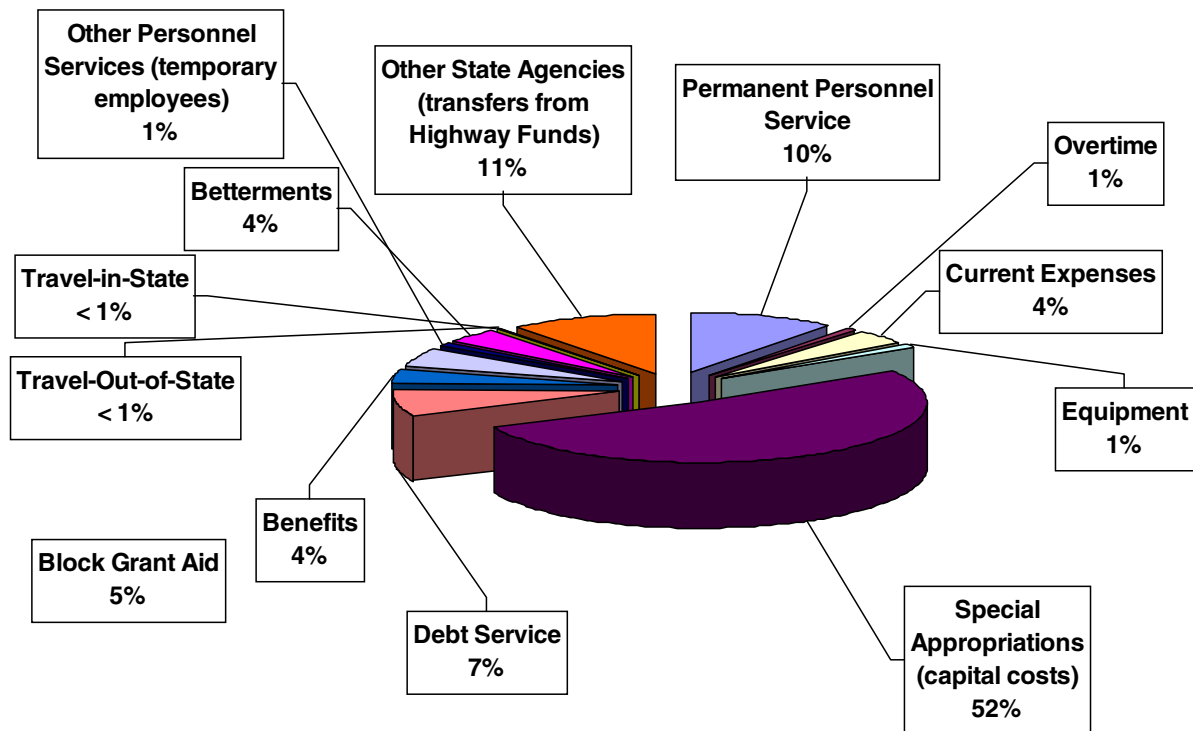
Turnpike Bond Proceeds for Capital or Construction Programs	\$6,396,283
Accounts Receivable	9,954,853
Department of Transportation Revenue	6,174,598
Turnpike Interest	2,867,356
Mechanical Services Fuel Reporting Funds	<u>19,098,028</u>
TOTAL	\$44,491,118

NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION

RECEIPTS - Fiscal Year 2002

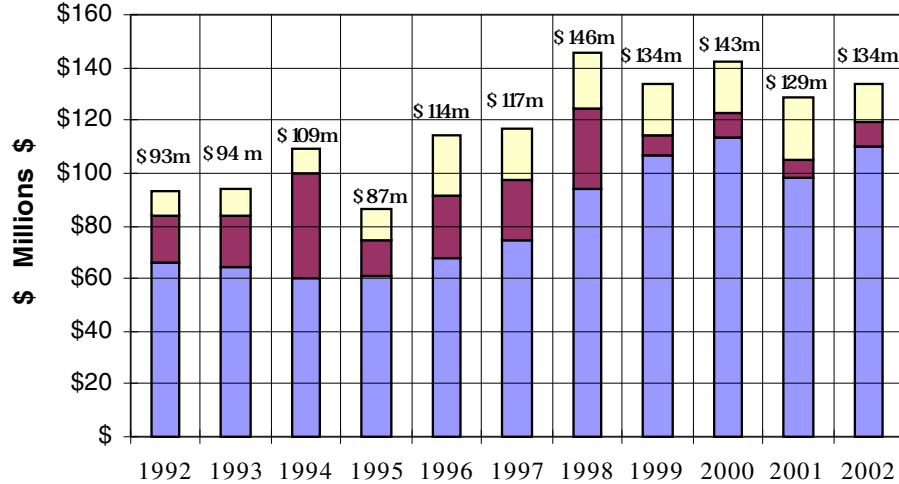


EXPENDITURES - Fiscal Year 2002



CONSTRUCTION CONTRACTING \$ FOR PROJECTS

Advertised in Federal Fiscal Years (October 1 to September 30)



NHDOT Bureau of
Transportation Planning
10/2002

■ Federal
 ■ Turnpike
 ■ Other

PHYSICAL PLANT AND PROPERTY AS OF JUNE 30, 2002

**Note: During FY 2002 the NHDOT converted from replacement costs to actual costs, per Government Accounting Standard Board (GASB#34) requirement.*

ITEM	DEPARTMENT OF TRANSPORTATION (excluding Turnpikes)	TURNPIKES	NHDOT TOTALS
EQUIPMENT	\$51,144,981	\$14,904,331	\$66,049,312
BUILDINGS	53,388,462	\$4,692,962	\$58,081,424
LAND	\$161,610,729	\$89,910,804	\$251,521,533
HIGHWAYS, RAILS & AND BRIDGES	\$2,463,572,601	\$478,614,822	\$2,942,187,423
TOTALS	\$2,729,716,773	\$588,122,919	\$3,317,839,692

LEGISLATION

Laws of 2002

<u>Chapters</u>	<u>Bill #</u>	
<u>0006</u>	HB317	revising the New Hampshire Aeronautics Act.
<u>0008</u>	HB285	relative to the adoption of a state building code.
<u>0020</u>	HB494	establishing a committee to study the permitting and hearing processes for proposed highways.
<u>0052</u>	HB1104	establishing the Danny Carswell Memorial Patrol Shed in the town of Merrimack.
<u>0068</u>	SB187	establishing a committee to study eminent domain proceedings.
<u>0106</u>	HB1473	relative to the capital appropriation made to the department of transportation for the new garage and testing lab facility.
<u>0116</u>	HB1148	naming the state office complex on Hazen Drive in the city of Concord the Meldrim Thomson State Office Complex and naming New Hampshire route 25A from Wentworth to Orford the Governor Meldrim Thomson Scenic Highway.
<u>0126</u>	SB133	relative to Skyhaven airport.
<u>0164</u>	SB414	relative to the committee allowing the use of business logo signing on the mainline of limited access and divided highways.
<u>0190</u>	HB1180	establishing a task force to research revenue streams to fund intermodal transportation systems in New Hampshire and relative to exemption from local property taxes for leases of state-owned railroad properties.
<u>0229</u>	HB712	relative to the coordination of state, regional, and local planning efforts.

PERSONNEL DATA

<u>Number of Employees</u>	<u>6/30/01</u>	<u>6/30/02</u>
1. Unclassified	7	7
2. Classified	1913	1911
3. Temporary	550	568
TOTAL	2470	2486

HIGHWAY BLOCK GRANT AID

FOR FISCAL YEAR ENDING JUNE 30, 2002

FORMULA A: Highway Block Grant Aid is 12 percent of the total road toll revenue and motor vehicle fees collected for the previous fiscal year. It is distributed to each municipality based on its Class IV and V highway mileage and its population in relation to the entire state.

FORMULA B: These funds are allocated from an annual apportionment of \$400,000. The amount available to towns is based on a formula using equalized valuation and Class V mileage that gives the greatest benefit to low valuation towns with high road mileage.

<u>Town</u>	<u>Block A</u>	<u>Block B</u>	<u>Total</u>	<u>Town</u>	<u>Block A</u>	<u>Block B</u>	<u>Total</u>
ACWORTH	\$ 62,930.73	\$43,320.19	\$106,250.92	DUMMER	\$ 14,312.68		\$ 14,312.68
ALBANY	\$ 28,233.13		\$ 28,233.13	DUNBARTON	\$ 63,385.51		\$ 63,385.51
ALEXANDRIA	\$ 64,035.38		\$ 64,035.38	DURHAM	\$ 202,780.27		\$ 202,780.27
ALLENSTOWN	\$ 75,341.48		\$ 75,341.48	EAST KINGSTON	\$ 30,312.27		\$ 30,312.27
ALSTEAD	\$ 71,132.94	\$ 3,021.69	\$ 74,154.63	EASTON	\$ 6,646.24		\$ 6,646.24
ALTON	\$126,191.26		\$126,191.26	EATON	\$ 30,069.17	\$ 251.57	\$ 30,320.74
AMHERST	\$245,081.06		\$245,081.06	EFFINGHAM	\$ 57,189.06	\$ 929.61	\$ 58,118.67
ANDOVER	\$ 76,780.05		\$ 76,780.05	ELLSWORTH	\$ 4,240.88		\$ 4,240.88
ANTRIM	\$ 73,366.22		\$ 73,366.22	ENFIELD	\$ 105,883.67		\$ 105,883.67
ASHLAND	\$ 42,560.45		\$ 42,560.45	EPPING	\$ 118,945.37		\$ 118,945.37
ATKINSON	\$106,650.25		\$106,650.25	EPSOM	\$ 93,234.72		\$ 93,234.72
AUBURN	\$105,096.48		\$105,096.48	ERROL	\$ 4,505.35		\$ 4,505.35
BARNSTEAD	\$124,949.57		\$124,949.57	EXETER	\$ 208,893.63		\$ 208,893.63
BARRINGTON	\$142,186.22		\$142,186.22	FARMINGTON	\$ 121,950.28		\$ 121,950.28
BARTLETT	\$ 77,833.43		\$ 77,833.43	FITZWILLIAM	\$ 78,506.07		\$ 78,506.07
BATH	\$ 55,940.18	\$20,455.11	\$ 76,395.29	FRANCESTOWN	\$ 73,450.06		\$ 73,450.06
BEDFORD	\$341,931.74		\$341,931.74	FRANCONIA	\$ 39,262.52		\$ 39,262.52
BELMONT	\$140,525.86		\$140,525.86	FRANKLIN	\$ 156,172.56		\$ 156,172.56
BENNINGTON	\$ 32,182.37		\$ 32,182.37	FREEDOM	\$ 59,682.96		\$ 59,682.96
BENTON	\$ 10,456.99		\$ 10,456.99	FREMONT	\$ 61,783.66		\$ 61,783.66
BERLIN	\$194,222.30		\$194,222.30	GILFORD	\$ 160,540.25		\$ 160,540.25
BETHLEHEM	\$ 78,662.71		\$ 78,662.71	GILMANTON	\$ 108,114.76		\$ 108,114.76
BOSCAWEN	\$ 63,153.19		\$ 63,153.19	GILSUM	\$ 25,793.20		\$ 25,793.20
BOW	\$157,087.46		\$157,087.46	GOFFSTOWN	\$ 299,972.09		\$ 299,972.09
BRADFORD	\$ 69,693.30		\$ 69,693.30	GORHAM	\$ 51,518.13		\$ 51,518.13
BRENTWOOD	\$ 62,042.85		\$ 62,042.85	GOSHE	\$ 24,803.82		\$ 24,803.82
BRIDGEWATER	\$ 36,016.00		\$ 36,016.00	GRAFTON	\$ 70,151.47	\$42,921.07	\$ 113,072.54
BRISTOL	\$ 65,096.62		\$ 65,096.62	GRANTHAM	\$ 37,668.49		\$ 37,668.49
BROOKFIELD	\$ 20,269.72		\$ 20,269.72	GREENFIELD	\$ 56,373.41		\$ 56,373.41
BROOKLINE	\$ 82,993.71		\$ 82,993.71	GREENLAND	\$ 54,633.43		\$ 54,633.43
CAMPTON	\$ 82,099.03		\$ 82,099.03	GREENVILLE	\$ 36,083.88		\$ 36,083.88
CANAAN	\$121,459.26		\$121,459.26	GROTON	\$ 18,571.83		\$ 18,571.83
CANDIA	\$ 86,749.11		\$ 86,749.11	HAMPSTEAD	\$ 138,550.21		\$ 138,550.21
CANTERBURY	\$ 67,639.19		\$ 67,639.19	HAMPTON	\$ 216,076.25		\$ 216,076.25
CARROLL	\$ 17,124.40		\$ 17,124.40	HAMPTON FALLS	\$ 38,581.25		\$ 38,581.25
CENTER HARBOR	\$ 26,892.03		\$ 26,892.03	HANCOCK	\$ 73,878.79		\$ 73,878.79
CHARLESTOWN	\$119,071.75		\$119,071.75	HANOVER	\$ 206,787.50		\$ 206,787.50
CHATHAM	\$ 13,155.25		\$ 13,155.25	HARRISVILLE	\$ 44,877.61		\$ 44,877.61
CHESTER	\$ 73,592.66		\$ 73,592.66	HARTS LOCATION	\$ 731.48		\$ 731.48
CHESTERFIELD	\$110,881.79		\$110,881.79	HAVERHILL	\$ 132,314.56		\$ 132,314.56
CHICHESTER	\$ 62,963.56		\$ 62,963.56	HEBRON	\$ 16,954.98		\$ 16,954.98
CLAREMONT	\$261,475.42		\$261,475.42	HENNIKER	\$ 128,956.80		\$ 128,956.80
CLARKSVILLE	\$ 16,244.78	\$ 5,424.17	\$ 21,668.95	HILL	\$ 42,797.80	\$ 1,263.18	\$ 44,060.98
COLEBROOK	\$ 79,574.53		\$ 79,574.53	HILLSBOROUGH	\$ 120,830.14		\$ 120,830.14
COLUMBIA	\$ 30,287.02		\$ 30,287.02	HINSDALE	\$ 76,579.58		\$ 76,579.58
CONCORD	\$629,639.78		\$629,639.78	HOLDERNESS	\$ 53,327.75		\$ 53,327.75
CONWAY	\$184,070.63		\$184,070.63	HOLLIS	\$ 162,334.00		\$ 162,334.00
CORNISH	\$ 78,273.19	\$19,990.52	\$ 98,263.71	HOOKSETT	\$ 157,748.99		\$ 157,748.99
CROYDON	\$ 30,310.25		\$ 30,310.25	HOPKINTON	\$ 143,359.97		\$ 143,359.97
DALTON	\$ 47,870.13	\$19,410.15	\$ 67,280.28	HUDSON	\$ 378,406.27		\$ 378,406.27
DANBURY	\$ 68,071.71	\$39,889.24	\$107,960.95	JACKSON	\$ 32,815.56		\$ 32,815.56
DANVILLE	\$ 63,499.56		\$ 63,499.56	JAFFREY	\$ 126,549.99		\$ 126,549.99
DEERFIELD	\$ 99,904.17		\$ 99,904.17	JEFFERSON	\$ 35,351.63		\$ 35,351.63
DEERING	\$ 72,897.81	\$ 9,690.96	\$ 82,588.77	KEENE	\$ 384,907.20		\$ 384,907.20
DERRY	\$498,056.75		\$498,056.75	KENSINGTON	\$ 38,294.39		\$ 38,294.39
DORCHESTER	\$ 21,213.16	\$ 7,137.87	\$ 28,351.03	KINGSTON	\$ 121,681.43		\$ 121,681.43
DOVER	\$418,420.16		\$418,420.16	LACONIA	\$ 271,388.94		\$ 271,388.94
DUBLIN	\$ 62,927.55		\$ 62,927.55	LANCASTER	\$ 83,477.74		\$ 83,477.74

HIGHWAY BLOCK GRANT AID

FOR FISCAL YEAR ENDING JUNE 30, 2002

<u>Town</u>	<u>Block A</u>	<u>Block B</u>	<u>Total</u>	<u>Town</u>	<u>Block A</u>	<u>Block B</u>	<u>Total</u>
LANDAFF	\$ 23,546.82	\$12,249.91	\$ 35,796.73	RUMNEY	\$ 40,784.89		\$ 40,784.89
LANGDON	\$ 33,632.93	\$10,744.63	\$ 44,377.56	RYE	\$ 98,059.11		\$ 98,059.11
LEBANON	\$ 237,847.03		\$ 237,847.03	SALEM	\$ 462,612.19		\$ 462,612.19
LEE	\$ 84,501.26		\$ 84,501.26	SALISBURY	\$ 50,637.46		\$ 50,637.46
LEMPSTER	\$ 50,191.12	\$17,444.94	\$ 67,636.06	SANBORNTON	\$ 90,585.06		\$ 90,585.06
LINCOLN	\$ 23,242.96		\$ 23,242.96	SANDOWN	\$ 92,944.32		\$ 92,944.32
LISBON	\$ 63,948.45	\$ 7,901.64	\$ 71,850.09	SANDWICH	\$ 86,938.35		\$ 86,938.35
LITCHFIELD	\$ 132,832.83		\$ 132,832.83	SEABROOK	\$ 107,169.62		\$ 107,169.62
LITTLETON	\$ 136,868.23		\$ 136,868.23	SHARON	\$ 16,083.09		\$ 16,083.09
LONDONDERRY	\$ 411,591.01		\$ 411,591.01	SHELBURNE	\$ 11,505.48		\$ 11,505.48
LOUDON	\$ 123,636.58		\$ 123,636.58	SOMERSWORTH	\$ 176,250.37		\$ 176,250.37
LYMAN	\$ 38,508.04	\$29,817.84	\$ 68,325.88	SOUTH HAMPTON	\$ 18,420.54		\$ 18,420.54
LYME	\$ 77,177.08		\$ 77,177.08	SPRINGFIELD	\$ 44,489.16		\$ 44,489.16
LYNDEBOROUGH	\$ 69,103.20		\$ 69,103.20	STARK	\$ 33,285.24	\$ 5,488.88	\$ 38,774.12
MADBURY	\$ 38,009.51		\$ 38,009.51	STEWARTSTOWN	\$ 51,145.09	\$10,859.72	\$ 62,004.81
MADISON	\$ 74,845.38		\$ 74,845.38	STODDARD	\$ 25,710.49		\$ 25,710.49
MANCHESTER	\$1,538,171.63		\$1,538,171.63	STRAFFORD	\$ 92,365.52		\$ 92,365.52
MARLBOROUGH	\$ 57,857.48		\$ 57,857.48	STRATFORD	\$ 21,514.32		\$ 21,514.32
MARLOW	\$ 34,433.18	\$14,722.56	\$ 49,155.74	STRATHAM	\$ 100,023.05		\$ 100,023.05
MASON	\$ 58,120.68	\$ 463.54	\$ 58,584.22	SUGAR HILL	\$ 39,370.22		\$ 39,370.22
MEREDITH	\$ 153,838.19		\$ 153,838.19	SULLIVAN	\$ 29,148.65	\$10,544.35	\$ 39,693.00
MERRIMACK	\$ 404,382.01		\$ 404,382.01	SUNAPEE	\$ 87,247.26		\$ 87,247.26
MIDDLETON	\$ 42,116.93		\$ 42,116.93	SURRY	\$ 19,654.67		\$ 19,654.67
MILAN	\$ 31,954.38		\$ 31,954.38	SUTTON	\$ 87,761.76	\$12,299.90	\$ 100,061.66
MILFORD	\$ 221,343.13		\$ 221,343.13	SWANZEY	\$ 139,089.53		\$ 139,089.53
MILTON	\$ 94,030.34		\$ 94,030.34	TAMWORTH	\$ 89,127.80		\$ 89,127.80
MONROE	\$ 25,361.93		\$ 25,361.93	TEMPLE	\$ 54,274.51		\$ 54,274.51
MONT VERNON	\$ 64,483.62		\$ 64,483.62	THORNTON	\$ 67,181.75		\$ 67,181.75
MOULTONBOROUGH	\$ 96,265.57		\$ 96,265.57	TILTON	\$ 46,046.23		\$ 46,046.23
NASHUA	\$1,206,304.26		\$1,206,304.26	TROY	\$ 42,783.73		\$ 42,783.73
NELSON	\$ 32,646.55		\$ 32,646.55	TUFTONBORO	\$ 58,231.74		\$ 58,231.74
NEW BOSTON	\$ 135,330.47		\$ 135,330.47	UNITY	\$ 64,624.39	\$23,685.17	\$ 88,309.56
NEW CASTLE	\$ 13,230.88		\$ 13,230.88	WAKEFIELD	\$ 87,178.28		\$ 87,178.28
NEW DURHAM	\$ 83,590.81		\$ 83,590.81	WALPOLE	\$ 105,885.29		\$ 105,885.29
NEW HAMPTON	\$ 77,154.29		\$ 77,154.29	WARNER	\$ 98,102.39		\$ 98,102.39
NEW IPSWICH	\$ 102,269.93		\$ 102,269.93	WARREN	\$ 29,865.50		\$ 29,865.50
NEW LONDON	\$ 97,880.29		\$ 97,880.29	WASHINGTON	\$ 43,016.66		\$ 43,016.66
NEWBURY	\$ 81,047.66		\$ 81,047.66	WATERVILLE VALLEY	\$ 6,833.09		\$ 6,833.09
NEWFIELDS	\$ 24,720.95		\$ 24,720.95	WEARE	\$ 183,183.01		\$ 183,183.01
NEWINGTON	\$ 19,443.25		\$ 19,443.25	WEBSTER	\$ 52,494.08		\$ 52,494.08
NEWMARKET	\$ 123,589.81		\$ 123,589.81	WENTWORTH	\$ 42,503.99	\$13,661.57	\$ 56,165.56
NEWPORT	\$ 141,205.36		\$ 141,205.36	WESTMORELAND	\$ 63,736.98		\$ 63,736.98
NEWTON	\$ 67,046.75		\$ 67,046.75	WHITEFIELD	\$ 57,217.59		\$ 57,217.59
NORTH HAMPTON	\$ 66,937.20		\$ 66,937.20	WILMOT	\$ 60,673.13	\$ 546.63	\$ 61,219.76
NORTHFIELD	\$ 91,663.57		\$ 91,663.57	WILTON	\$ 95,833.00		\$ 95,833.00
NORTHUMBERLAND	\$ 44,463.24		\$ 44,463.24	WINCHESTER	\$ 107,779.59		\$ 107,779.59
NORTHWOOD	\$ 68,167.32		\$ 68,167.32	WINDHAM	\$ 188,507.87		\$ 188,507.87
NOTTINGHAM	\$ 90,554.91		\$ 90,554.91	WINDSOR	\$ 2,435.44		\$ 2,435.44
ORANGE	\$ 16,668.80	\$ 6,885.58	\$ 23,554.38	WOLFEBORO	\$ 124,817.62		\$ 124,817.62
ORFORD	\$ 48,302.42		\$ 48,302.42	WOODSTOCK	\$ 21,567.56		\$ 21,567.56
OSSIPEE	\$ 123,471.22		\$ 123,471.22	TOTALS	\$25,166,257.45	\$400,000.00	\$25,566,257.45
PELHAM	\$ 211,894.23		\$ 211,894.23				
PEMBROKE	\$ 122,016.59		\$ 122,016.59				
PETERBOROUGH	\$ 140,026.42		\$ 140,026.42				
PIERMONT	\$ 27,921.13		\$ 27,921.13				
PITTSBURG	\$ 49,855.99		\$ 49,855.99				
PITTSFIELD	\$ 89,766.12		\$ 89,766.12				
PLAINFIELD	\$ 94,993.33		\$ 94,993.33				
PLAISTOW	\$ 123,106.95		\$ 123,106.95				
PLYMOUTH	\$ 108,633.39		\$ 108,633.39				
PORTSMOUTH	\$ 338,809.42		\$ 338,809.42				
RANDOLPH	\$ 12,290.47		\$ 12,290.47				
RAYMOND	\$ 169,323.25		\$ 169,323.25				
RICHMOND	\$ 40,635.59		\$ 40,635.59				
RINDGE	\$ 124,921.44		\$ 124,921.44				
ROCHESTER	\$ 452,751.42		\$ 452,751.42				
ROLLINSFORD	\$ 47,452.05		\$ 47,452.05				
ROXBURY	\$ 17,630.78	\$ 8,977.81	\$ 26,608.59				